



Stylus-/ Scribe Marking Technology
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DataMatrix · DotPeening

NEW

THE ULTIMATELY COST-EFFECTIVE MARKING UNIT
FOR YOUR PERMANENT MARKINGS

Electric marking unit 520 DOTStar

Compact workshop unit for lasting flexible
markings on almost all materials.

- Marking system for universal and flexible use for the direct marking of workpieces
- Electric precision marking head
- Designed for one-off production runs and small-volume series
- Marking area size 120 x 100 mm (X/Y)
- Drive with stepping motors and belt drive
- Marking techniques available: Dot-peening and Vibropeening
- DataMatrix Coding (ECC 200)

WITH HIGH PERFORMANCE PC-SOFTWARE, READY FOR USE!



520 DOTStar

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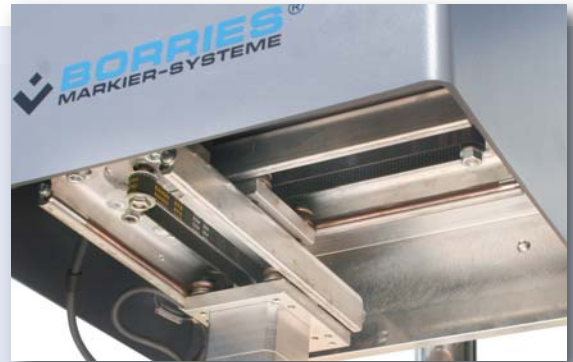
520 DOTStar



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Technical Data

Property	Measure, Unit, Explanation
• Measurements marking unit with table and column (H x W x D)	630 x 330 x 370 mm
• Marking area (X, Y)	120 x 100 mm
• Weight	ca. 15 kg
• Marking speed (depending on character size, shape and marking process)	1-3 characters/ second
• Character height	free scalable from 0.5 mm
• Penetration depth (depending on marking material)	ca. 0.03 – 0.3 mm
• Distance from table to tool point	0 - 180 mm adjustable
• Font	7 x 5, 9 x 7 dot-peening DataMatrix, Vibropeening custom fonts on request
• Marking direction	Straight line, angle or circular arc
• Documentation	German, English, French, Italian, Spanish more languages on request
Media supply	
• Power supply with connecting cable	230 V AC ±10 %, 50/60 Hz or 115 V AC ±10 %, 50/60 Hz
• Electrical power consumption	Typical 140 W



Precision belt drive



Examples of markings with the 520 DOTStar



Electric marking head

